

EAST SEARCH 08/16/06TM *Conia & Mearns*

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|--------|---|-------|
| 1 | BRS | L1 | 0 | Popescu.in. and val.in. | USPAT |
| 2 | BRS | L5 | 0 | 712/240.ccls | USPAT |
| 3 | BRS | L10 | 1614 | branch near2 (buffer or cache) | USPAT |
| 4 | BRS | L12 | 0 | (branch near2 (buffer or cache))adj all | USPAT |
| 5 | BRS | L13 | 0 | (branch near2 (buffer or cache))near2 all | USPAT |
| 6 | BRS | L16 | 7 | (BTAC or BTB or(branch near4 (buffer or cache))) with ((every or all) adj instruction) | USPAT |
| 7 | BRS | L17 | 7 | (BTAC or BTB or(branch near4 (buffer or cache))) with ((every or all) adj instruction) | USPAT |
| 8 | BRS | L18 | 652389 | integrat\$3 (instruction adj cache) with (BTAC or (branch adj target adj address cache)) | USPAT |
| 9 | BRS | L20 | 2 | integrat\$3 with ((instruction adj cache) with (BTAC or (branch adj target adj address adj cache))) | USPAT |
| 10 | BRS | L21 | 2 | integrat\$3 with ((instruction adj cache) with (BTAC or (branch adj target adj address))) | USPAT |
| 11 | BRS | L22 | 118 | 712/235.ccls. and branch | USPAT |
| 12 | BRS | L23 | 89 | 712/235.ccls. and branch and target | USPAT |
| 13 | BRS | L25 | 1257 | speculative and branch and target and (cache or buffer) | USPAT |
| 14 | BRS | L26 | 848 | speculative and (branch near2 target and (cache or buffer)) | USPAT |
| 15 | BRS | L29 | 3 | speculative adj branch adj target adj address adj (buffer or cache) | USPAT |
| 16 | BRS | L31 | 595 | emma.in. | USPAT |
| 17 | BRS | L34 | 0 | decod\$3 adj after adj speculation | USPAT |

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|----|------|-----|------|--|------------------------|
| 18 | BRS | L35 | 0 | EACH ADJ INSTRUCTION AND(TARGET ADJ ADDRESS) | USPAT |
| 19 | BRS | L36 | 280 | EVERY ADJ INSTRUCTION AND(TARGET ADJ ADDRESS) | USPAT |
| 20 | BRS | L44 | 321 | non-branch | USPAT |
| 21 | BRS | L45 | 283 | non-branch and fetch\$3 | USPAT |
| 22 | BRS | L50 | 4090 | ((pre-decod\$3) or (pre adj decod\$3) or predecod\$3) | USPAT |
| 23 | BRS | L51 | 80 | ((pre-decod\$3) or (pre adj decod\$3) or predecod\$3) with (target adj address) | USPAT |
| 24 | BRS | L54 | 0 | always adj access near2((Branch adj target near2 (buffer or cache) or BTB or BTAC)) | USPAT |
| 25 | BRS | L55 | 0 | always adj access near2((Branch adj target near2 (buffer or cache) or BTB or BTAC)) | USPAT |
| 26 | BRS | L56 | 0 | always adj calculat\$3 near2 (target adj address) | USPAT |
| 27 | BRS | L57 | 0 | always adj predict near2 (target adj address) | USPAT |
| 28 | BRS | L58 | 0 | (look-up near2 every near2 address) and (target adj address) | USPAT |
| 29 | BRS | L59 | 0 | (look-up near2 (every or all or each) near2 address) and (target adj address) | USPAT |
| 30 | BRS | L62 | 175 | \$2valid\$3 adj opcode | USPAT |
| 31 | BRS | L63 | 119 | (\$2valid\$3 adj opcode) and branch | USPAT |
| 32 | BRS | L64 | 47 | (\$2valid\$3 adj opcode) and branch and prediction | USPAT |
| 33 | BRS | L67 | 31 | emma.in. and branch | USPAT |
| 34 | BRS | L69 | 1979 | 712/233-244.ccls. | USPAT |
| 35 | BRS | L70 | 332 | 712/208.ccls. | USPAT |
| 36 | BRS | L71 | 0 | "09489072" | USPAT |
| 37 | BRS | L72 | 0 | "9489072" | USPAT |
| 38 | BRS | L78 | 0 | austin.in. and parks.in. | US- PGPUB; USPAT |

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|----|------|-----|------|--|--|
| 39 | BRS | L79 | 9366 | austin.in. or parks.in. | US- PGPUB; USPAT |
| 40 | BRS | L80 | 7424 | austin.in. or parks.in. and BTAC | US- PGPUB; USPAT |
| 41 | BRS | L82 | 123 | (opcode) near2 location | US- PGPUB; USPAT |
| 42 | BRS | L85 | 238 | opcode adj address | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |
| 43 | BRS | L87 | 29 | (opcode adj address) and (branch near2 misprediction or erroneou\$5) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |
| 44 | BRS | L90 | 1177 | 712/208-211.ccls. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |

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|----|------|------|--------|-------------------|--|
| 45 | BRS | L91 | 2547 | 712/233-244.ccls. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |
| 46 | BRS | L92 | 510083 | processor | US- PGPUB; USPAT |
| 47 | BRS | L94 | 0 | "3909797".pn. | US- PGPUB |
| 48 | BRS | L99 | 7757 | MTT | USPAT |
| 49 | BRS | L39 | 1 | "5163140".pn. | USPAT |
| 50 | BRS | L40 | 1 | "5230068".pn. | USPAT |
| 51 | BRS | L41 | 1 | "4295193".PN. | USPAT |
| 52 | BRS | L42 | 1 | "4991080".PN. | USPAT |
| 53 | BRS | L43 | 1 | "4943908".PN. | USPAT |
| 54 | BRS | L47 | 1 | "4437149".PN. | USPAT |
| 55 | BRS | L48 | 1 | "5072364".PN. | USPAT |
| 56 | BRS | L74 | 1 | "5446850".pn. | USPAT |
| 57 | BRS | L75 | 1 | "6317820".pn. | USPAT |
| 58 | BRS | L76 | 1 | "5604877".pn. | USPAT |
| 59 | BRS | L77 | 1 | "5867701".pn. | USPAT |
| 60 | BRS | L95 | 1 | "3909797".pn. | USPAT |
| 61 | BRS | L102 | 1 | "6272623".pn. | US- PGPUB; USPAT |
| 62 | BRS | L103 | 1 | "5553253".pn. | US- PGPUB; USPAT |
| 63 | BRS | L104 | 1 | "6542921".pn. | US- PGPUB; USPAT |
| 64 | BRS | L105 | 1 | "6421774".pn. | US- PGPUB; USPAT |
| 65 | BRS | L107 | 1 | "5050070".pn. | US- PGPUB; USPAT |

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|----|------|-----|------|--|-------|
| 66 | BRS | L3 | 52 | meonske | USPAT |
| 67 | BRS | L4 | 19 | (712/237 712/233 712/239).ccls. and speculat\$3 with (stack buffer) with return | USPAT |
| 68 | BRS | L7 | 24 | 712/240.ccls. and (address adj (subset or portion)) | USPAT |
| 69 | BRS | L8 | 4 | 712/240.ccls. and BTAC | USPAT |
| 70 | BRS | L11 | 2 | (branch near2 (buffer or cache))adj every | USPAT |
| 71 | BRS | L14 | 3 | (branch near2 (buffer or cache)) with ((every or all) adj instruction) | USPAT |
| 72 | BRS | L15 | 7 | (branch near4 (buffer or cache)) with ((every or all) adj instruction) | USPAT |
| 73 | BRS | L24 | 81 | 712/235.ccls. and branch and target and (cache or buffer) | USPAT |
| 74 | BRS | L28 | 7 | speculative adj branch adj target adj address | USPAT |
| 75 | BRS | L30 | 27 | speculative and branch adj target adj address adj (buffer or cache) | USPAT |
| 76 | BRS | L32 | 16 | emma.in. and branch and target | USPAT |
| 77 | BRS | L33 | 10 | decod\$3 adj after adj branch\$3 | USPAT |
| 78 | BRS | L37 | 4 | EVERY ADJ INSTRUCTION WITH(TARGET ADJ ADDRESS) | USPAT |
| 79 | BRS | L49 | 61 | "5163140".URPN. | USPAT |
| 80 | BRS | L52 | 63 | ((pre-decod\$3) or (pre adj decod\$3) or predecod\$3) near5 (target adj address) | USPAT |
| 81 | BRS | L53 | 38 | ((pre-decod\$3) or (pre adj decod\$3) or predecod\$3) near5 (target adj address) and ((Branch adj target near2 (buffer or cache) or BTB or BTAC)) | USPAT |
| 82 | BRS | L60 | 9 | ((look-up or access or predict) near2 (every or all or each) near2 address) and (target adj address) | USPAT |

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|----|------|-----|------|---|--|
| 83 | BRS | L61 | 24 | instruction near2 length near2 compar\$3 | USPAT |
| 84 | BRS | L65 | 45 | (\$2valid\$3 adj opcode) and branch adj prediction | USPAT |
| 85 | BRS | L66 | 11 | (invalid\$3 adj opcode) and branch adj prediction | USPAT |
| 86 | BRS | L68 | 7 | emma.in. and branch.ti. | USPAT |
| 87 | BRS | L73 | 52 | meonske | USPAT |
| 88 | BRS | L81 | 4 | (austin.in. or parks.in.) and BTAC | US- PGPUB; USPAT |
| 89 | BRS | L84 | 25 | opcode adj location | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |
| 90 | BRS | L86 | 68 | (opcode adj address) and branch | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |

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|----|------|------|------|---|--|
| 91 | BRS | L88 | 4 | (opcode adj address) and (branch near2 (misprediction or erroneou\$5)) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |
| 92 | BRS | L89 | 7 | (opcode adj address) and (branch near2 (mispredict\$5 or erroneou\$5)) | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |
| 93 | BRS | L96 | 2 | "5630135".pn. or "5790842".pn. | USPAT |
| 94 | BRS | L97 | 2 | "6247122".pn. or "6189091".pn. | USPAT |
| 95 | BRS | L98 | 6 | BTB and MTT | USPAT |
| 96 | BRS | L100 | 23 | MTT and BTB | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |

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|-----|------|------|--------|--|--|
| 97 | BRS | L101 | 3 | "6601161".pn. | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |
| 98 | BRS | L106 | 3 | "5353421".pn. or "4200927".pn. or "5964868".pn. | US- PGPUB; USPAT |
| 99 | BRS | L2 | 126 | Popescu.in. | USPAT |
| 100 | BRS | L9 | 132 | 712/235.ccls. | USPAT |
| 101 | BRS | L19 | 200 | integrat\$3 with ((instruction adj cache) with (BTAC or (branch adj target adj address cache))) | USPAT |
| 102 | BRS | L38 | 110 | speculative with (target adj address) | USPAT |
| 103 | BRS | L83 | 129 | (opcode) near2 location | US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B |
| 104 | BRS | L6 | 233 | 712/240.ccls. | USPAT |
| 105 | BRS | L46 | 258 | non-branch and fetch\$3 and decod\$3 | USPAT |
| 106 | BRS | L27 | 367 | speculative and (branch adj target near2 (cache or buffer)) | USPAT |
| 107 | BRS | L93 | 210779 | processor | US- PGPUB |